

PCT/GB 03/02927

IPC 7 H04M1/02

According to International Patent Classification (IPC) or to both national classification and IPC

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 312 999 A (NOKIA CORP) 21 May 2003 (2003-05-21) column 1, line 40 -column 2, line 8 column 5, line 8-10 figures 1-4,6,7 ---	1-3,6-8, 12,16
A	WO 01 99481 A (DOW CHEMICAL CO) 27 December 2001 (2001-12-27) page 1, line 7-13 page 5, line 4-15 ---	1,2,6-8, 12,16
A	US 5 982 881 A (MISCHENKO NICHOLAS) 9 November 1999 (1999-11-09) column 1, line 54-65 column 3, line 35-56 figure 1 ---	1,2,14, 16
	---	
	--/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the International search

4 March 2004

Date of mailing of the International search report

11/03/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3018

Authorized officer

Hagan, C

# INTERNATIONAL SEARCH REPORT

PCT/GB 03/02927

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/036362 A1 (FORD WILLIAM K ET AL) 20 February 2003 (2003-02-20) page 1, paragraph 6 figure 1A	1,2
A	EP 1 047 250 A (BOSCH GMBH ROBERT) 25 October 2000 (2000-10-25) column 1, line 5 -column 2, line 13; figure 5	1,2

# INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/GB 03/02927

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1312999	A	21-05-2003	US 2003090468 A1 CN 1441611 A EP 1312999 A2	15-05-2003 10-09-2003 21-05-2003
WO 0199481	A	27-12-2001	AU 6480501 A WO 0199481 A2	02-01-2002 27-12-2001
US 5982881	A	09-11-1999	US 5848152 A AU 7719496 A WO 9741676 A1 BR 9604313 A CA 2184800 A1 CN 1152829 A ,B DE 19639197 A1 FR 2739240 A1 GB 2305810 A ,B JP 9130464 A RU 2197789 C2	08-12-1998 19-11-1997 06-11-1997 26-05-1998 27-03-1997 25-06-1997 15-05-1997 28-03-1997 16-04-1997 16-05-1997 27-01-2003
US 2003036362	A1	20-02-2003	WO 03017515 A1 US 2004018863 A1	27-02-2003 29-01-2004
EP 1047250	A	25-10-2000	EP 1047250 A1	25-10-2000